L Number	Hits	Search Text	DB	Time stamp
1	5	assembly and pads near copp r and bump near aluminum	USPAT; US-PGPUB; EPO; JPO;	2003/10/21 16:02
	5	("A420A5A"   "524A520"   "52690A9"	DERWENT; IBM_TDB USPAT	2003/10/21
2	3	("4130454"   "5244539"   "5268048"   "5574386"   "6134776").PN.	USPAI	16:01
3	0	pcb near assembly and pads near copper and bump near aluminum	USPAT; US-PGPUB;	2003/10/21 16:02
		and bump near adminium	EPO; JPO;	10.02
			DERWENT;	
4	0	pcb and pads near copper and bump near	IBM_TDB USPAT;	2003/10/21
	_	aluminum	US-PGPUB;	16:02
			EPO; JPO;	
			DERWENT; IBM TDB	
5	6	pads near copper and bump near aluminum	USPAT;	2003/10/21
			US-PGPUB;	16:05
			EPO; JPO; DERWENT;	
			IBM_TDB	
6	5	assembly and copper near pads and	USPAT;	2003/10/21
		aluminum near bumps	US-PGPUB; EPO; JPO;	16:07
			DERWENT;	
7	3	mounting adj pads near copper and bumps	IBM_TDB USPAT;	2003/10/21
•	3	mounting auf paus near copper and bumps	US-PGPUB;	16:08
			EPO; JPO;	
			DERWENT; IBM_TDB	
8	0	mounting adj pads near copper and bumps	USPAT;	2003/10/21
		near aluminum	US-PGPUB;	16:09
			EPO; JPO; DERWENT;	
			IBM_TDB	
9	0	mounting adj pads near copper and bumps	USPAT;	2003/10/21
		same aluminum	US-PGPUB; EPO; JPO;	16:09
			DERWENT;	
40	;		IBM_TDB	
10	0	mounting adj pads near copper and bumps and aluminum	USPAT; US-PGPUB;	2003/10/21 16:09
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

			T-1	· · · · · · · · · · · · · · · · · · ·
11	4	mounting adj pads near c pper and	USPAT;	2003/10/21
		aluminum	US-PGPUB;	16:12
			EPO; JPO;	
			DERWENT;	
		_	IBM_TDB	
12	0	mounting adj pads near copper and	USPAT;	2003/10/21
		aluminum near bumps	US-PGPUB;	16:12
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
13	6	mounting adj pads and aluminum near	USPAT;	2003/10/21
		bumps	US-PGPUB;	16:13
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
14	4	copper adj pads and aluminum near bumps	USPAT;	2003/10/21
			US-PGPUB;	16:13
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
15	1	"6139977".PN.	USPAT	2003/10/21
				16:15
16	18	("4000842"   "4005472"   "4380042"	USPAT	2003/10/21
		"4849856"   "4873123"   "4899207"		16:16
		"4914551"   "4979663"   "5029386"		
		"5034591"   "5098008"   "5099393"		
		"5278724"   "5336564"   "5386341"		•
		"5397921"   "5435732"   "5770480").PN.		
-	2	6381837.pn.	USPAT;	2003/10/21
			US-PGPUB;	15:58
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	11	("3801388"   "3953924"   "4404059"	USPAT	2003/10/21
		"5177863"   "5453581"   "5489750"		10:27
		"5542174"   "5738797"   "5932993"		
		"6115262"   "6169253").PN.		
-	0	"an electronic circuit assembly".ti.	USPAT;	2003/10/21
		_	US-PGPUB;	10:39
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	
-	o	"an electronic circuit assembly"	USPAT;	2003/10/21
			US-PGPUB;	10:40
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	645	"electronic circuit assembly"	USPAT;	2003/10/21
			US-PGPUB;	10:40
			EPO; JPO;	
			DERWENT;	
			IBM_TOB	
L			IDIN_I VD	L

_	42	"electronic circuit assembly" and 29/\$.ccls.	USPAT;	2003/10/21
•		electronic circuit assembly and 25/\$.CCIS.		10:49
			US-PGPUB;	10:49
			EP ; JPO;	
			DERWENT;	
-	8	("5132864"   "5357060"   "5386087"	IBM_TDB USPAT	2003/10/21
		"5425647"   "5453581"   "5486657"		10:44
		"5644475"   "5707714").PN.		
-	11	("3801388"   "3953924"   "4404059"	USPAT	2003/10/21
		"5177863"   "5453581"   "5489750"		10:47
		"5542174"   "5738797"   "5932993"		
		"6115262"   "6169253").PN.		
-	270	29/840.ccls. and substrate and pads and	USPAT;	2003/10/21
		chip and bumps	US-PGPUB;	11:13
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	4	("3373481"   "5874780"   "5889326"	USPAT	2003/10/21
i		"6081997").PN.		10:54
-	43	("4157932"   "4554033"   "4612083"	USPAT	2003/10/21
		"4640981"   "4680226"   "4749120"		10:58
		"4818728"   "4868979"   "4917466"		
		"4967314"   "5074947"   "5084961"		
		"5086558"   "5136365"   "5147210"		
		"5196371"   "5237130"   "5296063"		
		"5298279"   "5318651"   "5329423"		
		"5341564"   "5363277"   "5384952"		
		"5477419"   "5543585"   "5545281"		
		"5611140"   "5637176"   "5667884"	1	
		"5674780"   "5686702"   "5714252"		
		"5747101"   "5840417"   "5843251"		
		"5861678"   "5863970"   "5879761"		
		"5918364"   "5925930"   "5975408"		
	40=	"6027575").PN.		0000/40/04
-	167	29/832.ccls. and substrate and pads and	USPAT;	2003/10/21
		chip and bumps	US-PGPUB;	11:36
		·	EPO; JPO;	
		·	DERWENT;	
	12	/#3670/00"   #/0/0720"   #/002473"	IBM_TDB	2002/40/24
-	12	("3670409"   "4818728"   "4893172"	USPAT	2003/10/21 11:17
		"4975079"   "5006792"   "5086337"   "5496726"   "5499879"   "5645924"		11:1/
		"5196726"   "5199879"   "5615824"   "5802699"   "5880590"   "5984691").PN.		
		3002033   3000330   3304031 ).FN.		<u> </u>

-		,		
-	40	("2014524"   "2774747"   "3401126"	USPAT	2003/10/21
		"3429040"   "3757075"   "3971610"		11:22
		"4113981"   "4157932"   "4442966"		
		"4554033"   "4587038"   "4612083"		
		"4640981"   "4648179"   "4695404"		
		"4719140"   "4764804"   "4818728"		
		"4840302"   "4872261"   "4914057"		
		"4917466"   "4922321"   "4967314"		
		"4985107"   "4991000"   "5001302"		
		"5068714"   "5074947"   "5086558"		
		"5090119"   "5147210"   "5187020"		
		"5196371"   "5218234"   "5270253"		
	ľ	"5290423"   "5329423"   "5508228"		
		"5674780").PN.		
_	0	29/832.ccls. and insulation near substrate	USPAT;	2003/10/21
		and mounting adj pads and bumps	US-PGPUB;	11:36
		, para and and para a	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	1	29/832.ccls. and insulation near substrate	USPAT;	2003/10/21
	•	and mounting adj pads	US-PGPUB;	11:37
		and mounting adj pads	EPO; JPO;	11.07
			DERWENT;	
			IBM_TDB	
_	3	29/832.ccls. and insulation same substrate	USPAT;	2003/10/21
	<b>J</b>	and mounting adj pads	US-PGPUB;	11:37
		and mounting adj pads	EPO; JPO;	11:37
			DERWENT;	
			IBM_TDB	
	80	29/\$.ccls. and insulation same substrate	""	2003/10/21
-	80	and pads and bumps	USPAT; US-PGPUB;	11:58
		and pads and bumps	· ·	11:36
			EPO; JPO; DERWENT;	
			•	
_	6	insulation many substrate and manufica-	IBM_TDB	2002/40/24
•		insulation near substrate and mounting	USPAT;	2003/10/21
		near pads and bumps	US-PGPUB;	12:00
			EPO; JPO;	
			DERWENT;	
		/UEO / 400 (U.) HOOODEETS	IBM_TDB	0000/46/54
-	2	("5844304"   "6022757").PN.	USPAT	2003/10/21
				11:59
-	16	insulation near substrate and mounting	USPAT;	2003/10/21
		near pads	US-PGPUB;	12:01
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	229	ceramic near substrate and mounting near	USPAT;	2003/10/21
		pads	US-PGPUB;	12:01
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

					_
-	1	eramic near substrate and mounting near	USPAT;	2003/10/21	
		pads and component near bumps	US-PGPUB;	12:04	
			EPO; JPO;		
			DERWENT;		
			IBM_TDB		1
-	3	("4912545"   "4922322"   "5196726").PN.	USPAT	2003/10/21	1
				12:04	
-	6	substrate and mounting near pads and	USPAT;	2003/10/21	
		component near bumps	US-PGPUB;	12:05	
			EPO; JPO;		
		, '	DERWENT;		
			IBM_TDB		
-	57	Jairazbhoy near Vivek .inv.	USPAT;	2003/10/21	
			US-PGPUB;	12:05	
			EPO; JPO;		
			DERWENT:		
			IBM_TDB		
	12	29/832.ccls. and insulation same substrate	USPAT;	2003/10/21	
		and pads and bumps	US-PGPUB:	12:38	
			EPO; JPO;	12.00	
			DERWENT;		
			IBM_TDB		
_	278	pcb and footprint and bumps	USPAT;	2003/10/21	
			US-PGPUB;	13:09	
			EPO; JPO;	13103	
			DERWENT;		
			IBM_TDB		
_	278	pcb and footprint and bumps	USPAT;	2003/10/21	
		pos and tootprint and bamps	US-PGPUB;	13:10	
			EPO; JPO;	13110	
	:		DERWENT;		
	:		IBM_TDB		
_	262	pcb and footprint and pads and bumps	USPAT;	2003/10/21	-
		han and loothillit and hada and paniha	US-PGPUB;	14:51	
			EPO; JPO;	17.51	
			DERWENT;		
			IBM_TDB		
-	18	("4423468"   "5047711"   "5059557"	USPAT	2003/10/21	
	1.5	( 4423466   3047711   3039397     "5126286"   "5222014"   "5235496"	USFAI	13:19	
		5120266   5222014   5233496     "5239191"   "5239198"   "5304843"		13:13	
		5239191   5239196   5304643     "5356838"   "5388029"   "5731222"			
		5356636   5366029   5731222     "5731630"   "5783464"   "5832600"			
		"5880011"   "5888884"   "5904496").PN.			
_	1	1999-337361.NRAN.	DEDWENT	2002/40/24	
-		1999-331301.RKAN.	DERWENT	2003/10/21	
_	4	561547.pn.	HCDAT-	14:46 2003/10/21	
-	*	- σο ισ-/ .μπ.	USPAT;		
			US-PGPUB;	14:52	
			EPO; JPO;		
			DERWENT;		
	1		IBM_TDB		

2	5615477.pn.	USPAT; US-PGPUB; EP ; JPO; DERWENT; IBM_TDB	2003/10/21 14:52
48	("3868724"   "3965568"   "4219882"	USPAT	2003/10/21
	"4221047"   "4425401"   "4628406"		14:53
	"4647959"   "4700473"   "4730238"		
	"4748495"   "4772936"   "4774634"		
	"4814855"   "4862153"   "4878098"		
	"4891789"   "4893216"   "4906823"		
	"4924352"   "4942452"   "4953460"		
	"4967950"   "4980034"   "5001542"		
	"5008997"   "5019673"   "5019944"		
	"5021630"   "5033665"   "5045975"		
	"5073118"   "5109601"   "5111279"		
	"5112462"   "5132879"   "5133495"		
	"5137791"   "5168346"   "5203075"		
	"5227589"   "5242100"   "5261593"		
	"5275330"   "5289631"   "5316787"		
	"5364707"   "5435732"   "5450290").PN.		